

IN THE SPECIFICATION

Please amend the paragraph beginning at page 15, line 14, as follows:

Such inclined side surface unit 102 can be provided to the whole periphery or a part of the periphery of the receiver 1. Fig.4D is a bottom view of the receiver 1, and shows an example in which the inclined side surface unit 102 is provided all around the center unit 101. Fig.4E is also a bottom view of the receiver 1, and shows an example in which the inclined side surface unit 102 includes a plurality of divided units. By the way, as shown in Fig.4C, the receiver 1 can be a shape that includes only the inclined side surface unit 102 that is curved like an arc without the center unit 101. Fig.4C shows an example in which the center unit 101 shown in Fig.4A is removed, and the inclined side surface unit 102 provided around the circle in Fig.4A is placed at the center. Also in this case, as shown in Figs.4D and 4E, the inclined side surface unit 102 can be formed to be one body or may be formed to include a plurality of divided units. In addition, the inclined side surface unit 102 can be provided only on a part of the circumference of the center point.

Please amend the paragraph beginning at page 17, line 25, as follows:

~~By the way, actually, as~~ As shown in the above equations, an upward force F_z is generated with the lateral force F_x . According to the above equations, a ratio of the upward force F_z to the lateral force F_x is $(1-\cos\theta)/\sin\theta$, so that, in the before-mentioned range ($0<\theta<90$ degrees), the smaller the angle θ is, the smaller the upward force F_z is, compared to the lateral force F_x . However, when the angle θ is decreased for decreasing the upward force F_z , the absolute amount of the force becomes small so that the lateral force F_x also becomes small.

Please amend the paragraph beginning at page 30, line 2, as follows:

As shown in Fig.16, the processes of the force feedback apparatus in the embodiment 2 are different from that of the force feedback apparatus in the embodiment 1 in that an inclined side surface control process (step 24) is added between the virtual object display process (step 23) and the jet control process (step 25). Accordingly, in Fig. 16, steps S21, S22, S23, S25, S26, and S27 are analogous to steps S11, S12, S13, S14, S15, and S16, respectively, of Fig. 3. In step 24, the receiver side surface unit control unit 8 controls the position or the orientation of the inclined side surface unit 102 so as to keep the direction of the inclined side surface unit 102 to be constant with respect to flow of air jetted from a nozzle. This control is performed based on the measured position or the orientation of the receiver 1 or based on the states of the virtual object in the virtual space.